



WAH CAMPUS

Newsletter

FALL 2023 - SPRING 2024 VOL. 2



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PATRON:
Prof. Dr. Sajid Qamar
Rector CUI



EDITOR:
Prof. Dr. Muhammad Abid, T.I.
Director Campus





VISION

The **COMSATS University Islamabad** envisions assuming a truly national character for itself in the years to come. It envisions having presence in all provinces of the country. It sees for itself a position among the top five (5) universities in the country; among top 100 universities in the developing countries and top 300, 200, 100 universities in the world respectively in the 5, 10 and 15-years' time horizon.

MISSION STATEMENT

The **COMSATS University Islamabad**, founded in the belief that understanding enriches all people, is dedicated to the search for truth through advancement of learning and extending the frontiers of knowledge; to the sharing of this knowledge through education in an academically diverse range of disciplines and subjects; and to the application of this knowledge to benefit the people of Pakistan, the Muslim Ummah, and the World, at large. The University's mission is threefold:

I) RESEARCH AND DISCOVERY

Generate and preserve knowledge, understanding, and creativity by triggering enquiry, conducting high-quality research, and promoting scholarship, that benefit students, scholars, and communities across the country, the Muslim Ummah, and the World, at large.

II) TEACHING AND LEARNING

Share that knowledge, understanding, and creativity by providing a broad range of educational programs in a diverse community of learners and teachers, and prepare graduate, professional, and undergraduate students, as well as non-degree-seeking students interested in continuing education and lifelong learning, and for assuming active roles in competitive and culturally diverse environs.

III) OUTREACH AND PUBLIC SERVICE

Extend, apply, and exchange knowledge between the University and society by applying scholarly expertise to social and technological problems, by helping organizations and individuals respond to their changing environments and by making the knowledge and resources created and preserved at the University accessible to the citizens. Using the resources of its multiple campuses in an integrated fashion, the University vies to strengthen the services to the state through the education of a modern work force, research and development, technology commercialization, and establishing and promoting partnerships with business, government and community groups.



RECTOR'S MESSAGE

I feel honored to lead the COMSATS University Islamabad (CUI) as Rector and share with you my vision for CUI, which has always been an innovative institution of learning and development. Our focus in the coming years will be to transform CUI to meet the challenges of a rapidly changing technological environment as well as societal needs through the best affordable academic programs at par with leading global standards, within Pakistan. In short, we envision making CUI "the University of Choice" in Pakistan and across Asia. Although an ambitious vision, but I believe that the talent, skill and experience available at CUI will enable us to achieve success with dedication and hard work.

In the years to come, we will extend out-reach of CUI by adding new campuses capable of catering to the high-quality education needs of a larger canvas of aspiring students and researchers. In this regard, we will also encourage public-private partnerships which will pave the way forward and yield impactful results.

We are committed to making all out efforts to play our due role in minimizing the adverse effects of the global Coronavirus pandemic and bring to the forefront new technologies and pedagogies to achieve our goals.

I would like to assure the parents of our students that CUI will take all possible steps to ensure the safety and well being of your children enrolled at our campuses. We are also deeply committed to inculcate in our graduates the essential skills and professional talent that helps them to meet the needs of the fourth industrial revolution as well as impart industry and market relevant education.

I invite you to explore our website and visit our campuses and interact with our students and faculty members, to find out what distinguishes CUI from other leading universities. I am sure you will be overwhelmed by the achievements, faculty and infrastructure of CUI and give us your valuable feedback which will help us build true professionals and global leaders in thinking.

In conclusion, please join us on our exciting journey into realizing your highest potential; becoming academic leaders in Pakistan and Asia and helping our beloved country by providing impetus to the biggest driver of growth i.e. human resource development.

I pray to Almighty Allah for assistance in our future endeavours and look forward to glorious achievements in the times to come.

Prof. Dr. Sajid Qamar
Rector



DIRECTOR'S MESSAGE

With the entire world shrunk into an approachable neighborhood, with the ever-changing values and with the emergence of fresh realms of appropriate training and knowledge has turned to be a pre-requisite for all successful individuals as well as organizations. In a developing country like ours where the potential is bounteous, but much is yet to be done, a chain of universities like CUI is blessing.

Our faculty, administration and staff are determined to benefit the community with the slogan to work under Science-Technology-Society philosophy and work as Real-World Problem Solution provider to industry through state-of-the-art applied research professionally.

Expansion from National to International Character, Emerging Disciplines; Unique Programs; Interdisciplinary Research; Focused Research Centers; Quality Teaching; High Caliber Faculty; Strong International Connections and Consortiums; Participation in Competitions; Academic Accreditations; Strong Student Support; High Employment Rate; Strong Industrial Linkages; Alumni and Industrial Chairs at CUI Wah; Addition of new section of campuses; Integration and Optimization of CUI Wah Resources is the vision of CUI Wah administration and faculty.

CUI Wah Campus welcomes the new entrants to experience a new world of learning and exposure. We invite currently enrolled students in general and CUI Wah Alumni in specific to participate wholeheartedly and show enthusiasm in their ownership to make CUI Wah an exemplary campus.

The strong academic foundation of our students enables them to develop a strong set of competencies desired in today's competitive world. A vibrant link with the industry, government and business helps students to capture the dynamism of the real world.

I wish you the best at COMSATS University, Wah Campus.

Prof. Dr. Muhammad Abid, T.I.
Director



Teaching & Learning



Workshop on Emerging Trends & Technologies: Carbon Capture, Climate Change & Net Zero

August 21, 2023: A workshop on "Emerging Trends & Technologies: Carbon Capture and Storage, Climate Change, and Net Zero" was organized by CUI. The workshop aimed to foster academic and research collaborations in the areas of carbon capture and storage, climate change, clean energy, net zero, and related issues. Participants from academia, industry, research organizations, government, and non-government organizations benefited from the workshop, contributing to the attainment of the Sustainable Development Goals (SDGs) at CUI Wah Campus.

Cranfield University, UK, along with several institutions from Pakistan including NUST, GIKI, NEO, University of Karachi, and Okara University, have joined hands as partner institutions with the CUI Wah Campus for this event. The workshop was funded by the British Council, Islamabad, under the Pak-UK Education Gateway Mobility Partnership for Faculty.



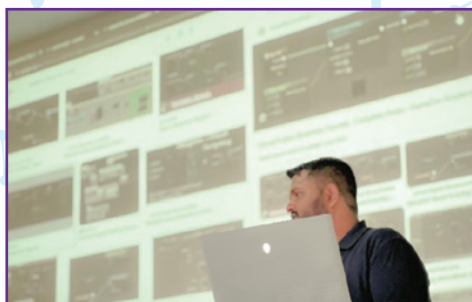
Seminar - Beyond the Code: Exploring Diverse Careers in Computer Science

September 14, 2023: The Department of Computer Science, ACM Student Chapter at CUI Wah Campus, organized a seminar titled "Beyond the Code: Exploring Diverse Careers in Computer Science". The event was a resounding success, attracting a packed house and an enthusiastic response from Computer Science students.



Seminar - The Unreal Experience: Bridging Code & Art

September 21, 2023: The Association for Computing Machinery (ACM) Student Chapter, Department of Computer Science, CUI Wah Campus, organized a seminar titled "The Unreal Experience: Bridging Code and Art." The seminar was delivered by Mr. Anis Ur Rehman, CEO of Visoxy Studios and a Lecturer in the Game Development Department at Ripah International University, Islamabad. Mr. Anis Ur Rehman shared invaluable industry insights and showcased his remarkable work, captivating the attendees. The seminar concluded with a stimulating discussion and a lively question-and-answer session, enhancing the attendees' knowledge.



CPD Seminar - Integrating Technologies in Civil Engineering

September 27, 2023: The Department of Civil Engineering organized a Continuing Professional Development seminar titled "Integrating Technologies in Civil Engineering".

The seminar was delivered by Dr. Naveed Anwar, a distinguished professional who is a Senior Advisor to the President of the Asian Institute of Technology (AIT) and the CEO and founder of CSI Bangkok. Dr. Anwar illuminated the dynamic synergy between technology and civil engineering.

The seminar provided an invaluable platform to explore collaboration opportunities with the guest speaker. Dr. Tahir Mehmood, Head of the Civil Engineering Department, engaged in meaningful discussions with Dr. Anwar, paving the way for potential future collaborations.



Seminar on Impact of Climate Change on Glacier Melting & Glacial Lake Outburst Floods

September 28, 2023: The UNESCO Water Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), in collaboration with the Department of Civil Engineering, organized a seminar titled "Impact of Climate Change on Glacier Melting & Glacial Lake Outburst Floods (GLOFs) – Implications for Mountain Agriculture and Water Security". The seminar aimed to share the latest dynamics of climate change on glacier melt flow, mountain agriculture, and water security in the region of Pakistan.

The goal of the seminar was to explore the challenges posed by rapid climate changes, including glacier melting, growing glacial lakes, and the risk of outburst floods in Pakistan. The seminar actively involved students, academics, researchers, organizations, and the community in examining these critical issues.



Tutorial Session "A Practical Tutorial on Kubernetes Networking"

September 28, 2023: The Department of Computer Science at CUI Wah Campus organized an online tutorial session for senior undergraduate students, supervised by Tenured Professor Dr. Nadir Shah. The session covered the Kubernetes environment, its services, and the advantages of its adaptation.

The speaker was Xianlong Qin, a Software Technical Leader at Cisco Systems (U.S.). He demonstrated the basic architecture of Kubernetes, explained its overall functioning, and explored its various components in detail. Additionally, Xianlong Qin highlighted the functions of different Kubernetes components.



Seminar - Purpose of Life

October 26, 2023: The Department of Management Sciences, in collaboration with the Qirat and Naat Society, organized a seminar titled "Purpose of Life. Mrs. Tasneem Arifa, Founder and Principal of Babu-ul-Islam, a motivational speaker, Quran instructor, coach, and trainer, delivered a profound lecture on the purpose of life. The main objective of the seminar was to empower the youth through the teachings of the Quran, focusing on wellness and self-care. It aimed to help participants reclaim their hearts, manage stress and anxiety, and strengthen their connection with Allah Subhanahu Wa Ta'ala in accordance with the Quran and Sunnah (PBUH).



Seminar - Introduction to Heating Ventilation & Air Conditioning (HVAC) System

October 4, 2023: The Department of Mechanical Engineering and the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) CUI Wah Chapter organized a seminar titled "Introduction to HVAC". The seminar aimed to illuminate the fundamental principles and future prospects of Heating, Ventilation, and Air Conditioning (HVAC) systems.

Engr. Riaz Baig and Mr. Ather Naseem Siddiqui from the ASHRAE Pakistan Chapter were the guest speakers. They shared their extensive expertise and insights on the sustainability of the HVAC domain. The event was designed to be interactive, encouraging active participation from students and fostering engaging discussions about HVAC technologies.



OBE Training on "Importance of CQI Cycle in OBE System"

October 19, 2023: The Department of Mechanical Engineering conducted an Outcome-Based Education (OBE) training titled "Importance of CQI Cycle in OBE System" for faculty members. Dr. Ayyaz Ahmed, Associate Professor from the Department of Electrical and Computer Engineering, served as the resource person. He shared techniques for formulating and evaluating Complex Engineering Problems (CEPs), Open-Ended Labs (OELs), and Problem-Based Learning (PBLs).



Workshop on Mastering Sustainable Development Goals (SDGs)

October 26, 2023: The Department of Mechanical Engineering, in collaboration with the ASME CUI Wah Chapter, organized a workshop titled "Mastering Sustainable Development Goals and Their Importance in Projects". The workshop featured talks by Sher Shah Khan Bangash, CEO of Skillistan; Maryam Akhtar, Green Lady Movers Envoy; and Anum Ameer, CEO of ARTY.

Students from the Department of Mechanical Engineering attended the seminar, where the speakers introduced the 17 Sustainable Development Goals (SDGs) of the United Nations. They discussed the role of these goals in society and their significance in Mechanical Engineering projects. The seminar also included an interactive session where the speakers engaged with the students on each SDG.



Seminar-Mathematical Machine Learning with Recent Trends & Applications

October 5, 2023: The Department of Mathematics hosted a highly insightful seminar titled "Mathematical Machine Learning with Recent Trends and Applications". Dr. Nazeer Muhammad, a distinguished expert from the Pak-Austria Fachhochschule Institute of Applied Sciences and Technology in Haripur, KPK, delivered the seminar. Dr. Nazeer Muhammad provided an in-depth exploration of the rapidly evolving field of mathematical machine learning, highlighting recent trends and practical applications. His presentation offered a thorough analysis of the mathematical principles underpinning machine learning algorithms, elucidating their real-world significance.

The seminar served as an invaluable resource for attendees, equipping them with a nuanced understanding of how mathematical techniques are applied to advance machine learning technologies and their implications for various industries.



Seminar on "Decoding Business Insights the Power of a Business Analyst"

October 19, 2023: The Association for Computing Machinery (ACM) Student Chapter of the Computer Science Department organized a seminar titled "Decoding Business Insights: The Power of a Business Analyst." The seminar aimed to elucidate the role of a Business Analyst and the process of decoding consumer insights, guiding students towards successful careers as data analysts. It explored the importance of collecting statistical data for reporting and how it helps investigate and analyze business performance. Additionally, the seminar covered the use of various data visualization tools to transform complex information into meaningful reports and dashboards.

The information on decoding tools used in statistical analysis and reporting captures the audience's attention by demonstrating how these tools can be used to investigate and analyze business performance.



Seminar - Research & Analysis of the Impact of Substitution Filler on the Performance of Asphalt Mixtures

November 23, 2023: The Department of Civil Engineering conducted a Continuing Professional Development (CPD) seminar titled "Research and Analysis of the Impact of Substitution Filler on the Performance of Asphalt Mixtures." Dr. Tahir Mahmood warmly welcomed the distinguished guest speaker, Engr. Dr. Bilal Zaidi, an Associate Professor of Transportation Engineering at UET Taxila. Dr. Zaidi, who holds a Ph.D. in Transportation Engineering from the University of Nottingham, UK, has over a decade of teaching and research experience at both national and international universities. During the seminar, the guest speaker delved into the application of filler materials to enhance the safety, resilience, affordability, and environmental sustainability of pavement structures.



One Day Hands on Workshop on "Introduction To R"

November 23, 2023: The UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) organized a one-day workshop on "Introduction to R" in collaboration with the Department of Civil Engineering. This hands-on workshop aimed to empower participants with practical skills by familiarizing them with RStudio, including operations, functions, data types, tables, and the importing, exporting, and manipulation of plot data. The workshop also covered combining verbs using pipes and data visualization techniques.

Waterwise Summit: Unveiling Solutions Through Youth Voices

November 29, 2023: The UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) at CUI Wah Campus, under the theme "Respect Water - Respect Life," organized the "WaterWise Summit: Unveiling Solutions through Youth Voices".

The event focused on raising awareness about the importance of water, water conservation, and the impacts of climate change, flooding, and disasters on humanity. Students demonstrated their understanding and vision through artwork, including posters and documentaries, and engaged the community in debates.

The Chief Guest of the event was Ms. Kiran Anwar, Senior Research Officer from the Pakistan Council of Research in Water Resources (PCRWR). In her remarks, she appreciated the students' efforts in sharing their visions for a water-secure future. She also presented the role of PCRWR in water management, research, and development.



How to Create & Upload Final Year Project Videos on CDC Website

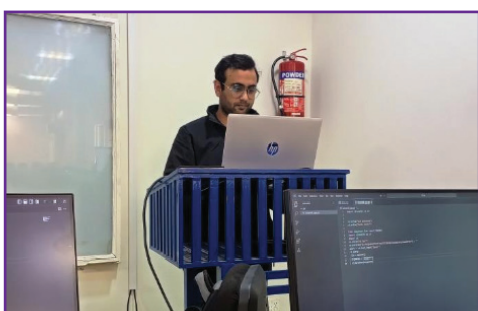
December 06, 2023: The primary objective of this workshop was to equip final-semester students with the skills and knowledge needed to effectively showcase their final-year projects online. It specifically emphasized the importance of online project presentations in attracting the attention of industry professionals, which could potentially lead to job interviews.

An integral part of the workshop was a comprehensive tutorial on video editing tools. This session aimed to empower students with the skills needed to create polished and engaging videos that effectively highlight the key aspects of their final-year projects.



Workshop on Machine Learning & Artificial Intelligence: The Professional Perspective

December 07, 2023: The Department of Computer Science organized a workshop titled "Machine Learning & Artificial Intelligence: The Professional Perspective," with a specific focus on "How to Use a Chatbot Using GPT API." The event featured insights from Mr. Ahmed Rasheed, a distinguished Senior Data Scientist from Royal Cyber Inc., who served as the resource person.



5th China-Pakistan Marine Information Workshop (CPMI 2023) At Sanya, China

December 8 – 11, 2023: The Director campus, Prof. Dr. Muhammad Abid, T.I., along with Assistant Professor Dr. Barkat Ullah, attended the 5th China-Pakistan Marine Information Workshop (CPMI 2023) in Sanya, China, upon the invitation of Harbin Engineering University (HEU). The workshop was jointly organized by the China Science and Technology Exchange Center (CHN), the Pakistan Science Foundation (PSF), and the National Institute of Oceanography (NIO), Pakistan. The workshop aimed to provide a platform for experts and students from China and Pakistan to expand and strengthen their research in the field of Marine Information and Technology. The theme of the 5th CPMI (2023) workshop was "Smart Ocean Informatics." During the inaugural ceremony, the Vice Chancellor of HEU and the Chair of the Workshop introduced the progress of CPMI. Prof. Dr. Muhammad Abid delivered a keynote address on "A Framework Approach to Strengthen Higher Education in the Field of Marine Information and Engineering," while Dr. Barkat Ullah presented his talk on "Dynamic Modeling and Analysis of Steady-State Spiraling Motion Control of an Underwater Glider."



CPD Seminar on Green Composite Materials

December 14, 2023: The seminar on "Green Composite Materials: A Sustainable Alternative to Plastic for a Greener Future" was jointly organized by the Department of Mechanical Engineering (DME) and the student chapter of the American Society of Mechanical Engineers (ASME) at CUI Wah Campus.

The seminar attracted attendees from various sectors, including industrial representatives, faculty members, and both graduate and undergraduate students. The audience actively engaged in discussions about the challenges associated with adopting bio-composites, particularly within the context of Pakistan. The discourse also highlighted the crucial role of collaboration between academia and industry.



The Launch Pad FA 23

December 2023: The Department of Management Sciences organized a one-day career counseling workshop titled "The Launch Pad" for final-semester students across all departments. The workshop aimed to prepare and equip students with essential skills for transitioning into professional careers after graduation. A large number of students from Computer Science and Management Sciences attended the workshop, which featured a diverse set of sessions on writing CVs and cover letters, professional dress, office manners, and job hunting tips. Team-building activities and mock interviews were also key features of the workshop. The workshop was designed to prepare students for a smooth transition from student life to professional careers, and to help them thrive and succeed in the workplace.



Seminar on Introduction to Floodplain Modelling

December 20, 2023: To share the latest basic statistics on floodplain modeling, data requirements, and its potential applications in urban flood management in Pakistan, the UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), in collaboration with the Department of Civil Engineering, organized a seminar titled "Introduction to Floodplain Modeling." The seminar aimed to introduce participants to computer models, hydrology, and the differences in hydraulic floodplain modeling, including the use of TUFLOW modeling software. Additionally, it provided an opportunity to identify and test cost-effective flood mitigation scenarios that benefit the wider community.



Seminar - Role of Islamic Values in Entrepreneurship

February 27, 2024: The Student Startup Business Society (SSBS) and Career Development Center (CDC) organized a seminar titled "Role of Islamic Values in Entrepreneurship." Raja Zia-UI Haq, CEO of Youth Club, was the guest speaker. He emphasized the importance of creative thinking and an entrepreneurial mindset for students. He also highlighted that Allah Almighty has endowed every individual with unique attributes and encouraged students to embrace Islamic values and trust in Allah's provision of sustenance for all creatures.



One Day Seminar on Energy Efficiency & Conservation in Buildings

March 07, 2024: The Department of Civil Engineering, CUI Wah Campus, in collaboration with the National Energy Efficiency and Conservation Authority (NEECA) and the Ministry of Energy (Power Division), organized a one-day consultative session on energy efficiency and conservation in buildings, in compliance with the Energy Conservation Building Code 2023. The theme of the event was to foster interest in energy efficiency.

Dr. Zeeshan Ullah gave detailed presentation. The session explained the aims and objectives of the Energy Conservation Building Code (ECBC) 2023, introducing the key aspects of the code. It addressed the challenges and necessity of energy efficiency and conservation in buildings, provided solutions for the construction sector, and discussed the star rating system for electric appliances in detail.



Celebrations of World Water Day 2024

March 14, 2024: World Water Day (WWD) is an annual United Nations observance celebrated at CUI Wah Campus under the flagship of the UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM). The objective of WWD is to raise awareness at global, regional, and local levels about water issues in Pakistan, including conflicts, prevention strategies, impacts on communities, and building resilience to shared challenges. This year's theme, "Water for Peace," aligns with the goal of achieving Sustainable Development Goal (SDG) 6: Water and Sanitation for All.



Seminar on Finality of Prophethood

March 20th, 2024: The Department of Electrical and Computer Engineering, in collaboration with the Seerat Society, organized a seminar on the Finality of Prophethood. The event aimed to explore the significance of the Finality of Prophethood (Khatim al-Anbiya) and the role of Allah's final prophet, Muhammad (PBUH), to whom the Qur'an was revealed in Islam.

The seminar began with the recitation of the Holy Quran, followed by a Naat. A thought-provoking lecture was then delivered by Muhammad Usman Arif, Executive Director of Shubban Educational Forum. Students from all departments attended enthusiastically and showed overwhelming interest. The event concluded successfully, fostering an environment of intellectual exchange and mutual learning.



Mathematics Seminar Series 2024

May 02, 2024: The Department of Mathematics hosted a seminar as part of the "Mathematics Seminar Series 2024" at CUI Wah Campus. The seminar aimed to inspire and connect young researchers with esteemed figures in their fields, fostering research partnerships and advancing ongoing quality research and education. The objective was to encourage the exchange of knowledge among attendees.



Seminar - Semiconductor, RISC-V Opportunities & SoC/IP Design

May 22, 2024: The Department of Electrical and Computer Engineering (ECE) organized a seminar titled "Semiconductor, RISC-V Opportunities, and SoC/IP Design." The session was led by Mr. Jaffar Safdar, CEO of AQL Tech Solutions (Pvt) Ltd, Islamabad, Pakistan. Over 150 students actively engaged in this insightful event. The seminar centered on semiconductor and RISC-V-based IC design, with Mr. Safdar highlighting the industry's promising trajectory amid emerging technologies such as quantum computing, 5G, autonomous vehicles, and advanced robotics. He emphasized the pivotal role of open standards like RISC-V and advancements in SoC/IP design in shaping the future technological landscape.



China-Pakistan Marine Information Workshop & Training at HEU, China

May 29, 2024: The training was organized by the International Cooperation Department of the Ministry of Science and Technology in collaboration with Harbin Engineering University, China. This training course is part of a broader initiative aligned with China's Belt and Road Initiative.

Professor LIU Songzuo, chairman of the training committee, presided over the opening session. Professor QIAO Gang, Dean of the College of Underwater Acoustic (UWA) at HEU, China, reviewed the history of international academic exchanges and cooperation between the university and Pakistan. Dr. Niaz Ahmad and Prof. Dr. Muhammad Abid, T.I., being involved from the start of CPMI highlighted brief history and progress of CPMI activities each year. In addition emphasize on the diverse backgrounds of the participants and their eagerness to seize this valuable learning opportunity, highlighting its potential to strengthen enduring friendships between China and Pakistan.





Research, Innovation & Collaborations



Meeting of Pakistan National Committee on Program (PNC-IHP) Of UNESCO

September 5, 2023: To address the IHP IX Strategic Sustainable Plan of UNESCO, Prof. Dr. Muhammad Abid, T.I., Director Campus and UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), attended a meeting organized by the Pakistan National Committee (PNC) at the PCRWR Headquarters in Islamabad. During the meeting, he delivered a presentation on the operational implementation plan of the UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM) at CUI Wah Campus, detailing activities related to IHP Phase IX and outlining the future strategic actions required for the Intergovernmental Hydrological Program of UNESCO.



Visit of School of Civil Engineering, Southeast University, China Delegation to Pakistan

September 06, 2023: The International Office at COMSATS University Islamabad arranged a meeting between a delegation from the School of Civil Engineering, Southeast University (SEU), Nanjing, China, and the Civil Engineering Departments across CUI Campuses. The meeting aimed to strengthen cooperation and build capacity in the field of a Joint Research Lab on Smart Disaster Prevention for Major Infrastructure, as part of the China-Pakistan Economic Corridor (CPEC) project.

Dr. Tahir Mehmood, Chairman of the Department of Civil Engineering, CUI Wah Campus, along with the team from the International Office, the Dean of the Faculty of Engineering, and the In-charge of CUI Islamabad Campus, attended the meeting with the delegation. They discussed key areas related to harnessing cutting-edge technologies and innovative approaches for disaster prevention and their significance in infrastructure projects.



CUI Wah Campus Team Meeting in University of Lorraine, France

The SAFE-Rural-Health program, an Erasmus+ funded project, aims to apply innovative and cutting-edge technologies to address the challenges of applying and adopting remote health monitoring in Pakistan. SAFE-RH is a collaborative project involving five partner universities: the University of the West of Scotland (UWS), Université de Lorraine in France, Capital University of Science & Technology (CUST) in Islamabad, Pakistan, CUI Wah Campus, Pakistan, and the Islamia University of Bahawalpur, Pakistan.



Pak UK Education Gateway Mobility Partnership for Faculty

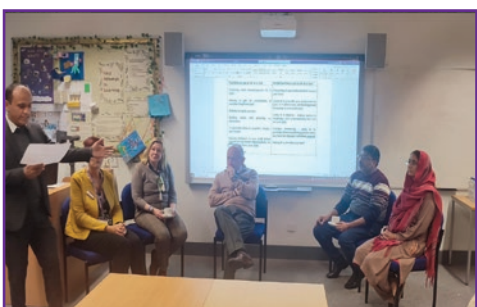
September 25-29, 2023: The Director Campus, Prof. Dr. Muhammad Abid, T.I., along with Dr. Tahir Ali Akbar, Associate Professor and Chairperson of Civil Engineering, and Dr. Muhammad Shoaib Naseem, Assistant Professor from COMSATS University Islamabad, visited Cranfield University. This visit was part of the Pak-UK Education Gateway Mobility Partnership for faculty, funded by the British Council and the Higher Education Commission of Pakistan. The delegation also included faculty members from NUST, GIKI, NED, and KU.

The trip was extremely valuable, with faculty from Pakistani universities attending numerous training sessions and meeting esteemed faculty from Cranfield University. They gained insights from the high-quality research conducted at Cranfield University in collaboration with industries. The project provided a platform for understanding the values of higher education in both the UK and Pakistan.



International Colloquium at Edge Hill University, United Kingdom (UK)

November 19-27, 2023: The team led by Associate Professor Dr. Muhammad Khalil Afzal, which included Associate Professor Dr. Mussarat Yasmin and Assistant Professor Dr. Muhammad Maaz Rehan, visited Edge Hill University, UK. They attended the International Colloquium hosted by Edge Hill University as part of the "Pak-UK Education Gateway Mobility Partnership Program for Faculty," funded by the British Council and the Higher Education Commission of Pakistan. The team emphasized innovative research in the context of international mobility and transnational education.



Potential Collaboration With RELO Pakistan

January 3, 2024: The delegation from the Public Affairs Section of the U.S. Embassy in Islamabad visited CUI Wah Campus. The delegation included Syed Rashid Naqvi, Country Program Director, and Ms. Sadia Khan, Country Communication Manager from the Regional English Language Office (RELO), Pakistan. The meeting aimed to establish collaboration and explore the potential of launching the English ACCESS Micro-scholarship Program at CUI Wah Campus. The program is intended to support personal and professional development, foster skills, and empower confidence in underprivileged communities.



TechXchange International Conference

January 25- 26, 2024: The Director Campus, Prof. Dr. Muhammad Abid, T.I., chaired a technical session and delivered the keynote address on “An Overview of Research Progress for Bolted Flange Joint Design and Pressure Vessels – Pakistani Perspective” at the “TechXchange International Conference,” organized by the Department of Mechanical Engineering at Quaid-e-Awam University of Engineering, Science & Technology, Nawabshah, Sindh, Pakistan.

Technology entrepreneurs, researchers, and experts from both industry and academia, representing Pakistan and international organizations, participated in the conference. They shared valuable insights on digital transformation, energy and power policies in Pakistan, and the latest solutions in waste management aimed at achieving net-zero emissions.



University-Industry Collaboration with Siemens Pakistan Engineering Co Ltd

January 29, 2024: The Director Campus - Prof. Dr. Muhammad Abid, T.I., visited Siemens Pakistan Engineering Co Ltd in Lahore and met with Mr. Ashfaq Ahmed, Head of Building Products and Corporate Business Development at Siemens Engineering Limited. They discussed potential collaborations on adaptive smart technology, as well as the possibility of organizing awareness and training sessions tailored to industrial needs, including safety management, construction, and other solutions.



8th International Water Conference (8IWC)

March 6, 2024: The Director Campus / UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), Prof. Dr. Muhammad Abid, T.I., attended the inaugural session of the 8th International Water Conference (8IWC) on “Valuing Water for Sustainability” as a Guest of Honor. The conference was jointly organized by the Pakistan Council of Research in Water Resources (PCRWR), Riphah International University, Islamabad, and the United Nations Children's Fund (UNICEF) Pakistan, and was held at the PCRWR Headquarters in Islamabad.



13th International Conference of Business & Economic Development in New York, USA

April 15, 2024: Dr. Tahira Nazir, Assistant Professor in the Department of Management Sciences, attended the 13th International Conference on Business and Economic Development (ICBED) with the support of an HEC travel grant. She presented her research paper titled "Servant Leadership and Employee Innovative Behavior: Unpacking the Role of Support for Innovative and Creative Self-Efficacy in Knowledge-Intensive Service Contexts." The conference was held from April 15 - 16th, 2024, in New York, USA. It provided a valuable platform for sharing research findings, fostering dialogue, and promoting cross-cultural understanding, as well as offering insights into global policymaking and business practices.



2nd International Conference on Modern Technologies in MTME-2024

April 20, 2024: The 2nd International Conference on Modern Technologies in Mechanical and Material Engineering (MTME-2024) concluded at GIK Institute, Topi, Pakistan. The conference aimed to bring together innovative academics and industrial experts in the field of Mechanical and Material Engineering.

Prof. Dr. Muhammad Abid, T.I., Director Campus, participated as a panelist in a discussion on "Industry-Academia Linkages: Challenges & Opportunities," alongside panelists from GIKI, NUST, PU, Pak-Austria Fachhochschule, and IIUI. The panelists exchanged ideas on enhancing industry-academia relationships to foster indigenous product development and improve the skill sets of university graduates in collaboration with leading industries in the country.



Future Research Collaboration NUST University

April 30, 2024: The Director CUI Wah Campus/UNESCO Chair on Knowledge Systems for Integrated Water Resources Management (IWRM), along with Dr. Summera Fahmi Khan and Engr. Waleed Tariq from the Department of Civil Engineering, met with Prof. Dr. Hamza Farooq Gabriel from the Department of Water Resources Engineering & Management (WRE&M) at NUST Institute of Civil Engineering (NICE), Islamabad. The meeting aimed to explore potential research collaboration opportunities on sustainable solutions, focusing on implementing management strategies to cope with climate variability, particularly in the areas of rainwater harvesting techniques and wastewater treatment methods.



IEEE/OES China Ocean Acoustics Conference (COA 2024)

May 29, 2024: Prof. Dr. Muhammad Abid, Director Campus / UNESCO Chair on Knowledge Systems for Integrated Water Resource Management (IWRM), CUI Wah Campus, visited Harbin Engineering University, Harbin, China from May 28 to June 2, 2024, as the invited keynote speaker at the third IEEE/OES China Ocean Acoustics Conference (COA 2024), held from May 29 to 31, 2024.

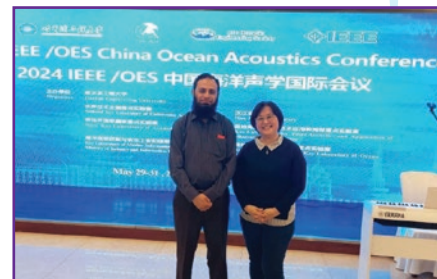


Prof. Abid delivered a keynote address titled “A Framework Approach to Strengthen Higher Education in the Field of Marine Information and Engineering.” As an academician, he emphasized the growth prospects, needs, and development of the Marine Information and Engineering field in Pakistan. He highlighted the significance of Pakistan's geographical position, ocean resources, blue economy, and the implications for trade and defense. The conference brought together distinguished experts in marine acoustics research to present their latest findings in marine and underwater acoustics.

Additionally, a technology exhibition during the conference showcased advanced marine and underwater acoustic instruments, equipment, and systems from Chinese and international manufacturers.

Joint Collaborations with National Taiwan University Taiwan

June 01, 2024: A meeting was held between Prof. Dr. Muhammad Abid, Director Campus / UNESCO Chair for IWRM, and Professor Hongzhi Wang, National Taiwan University at Harbin to explore possibilities of partnerships through faculty and student exchange and joint research initiatives. Common interests included application of underwater acoustic sensors to study whales and aquatic culture and related areas in deep and shallow waters.



Meeting with Dean College of Intelligent Systems & Engineering, HEU, China

June 01, 2024: During the visit to HEU Harbin, China, a meeting was held on June 1, 2024, between Prof. Muhammad Abid, T.I., Director Campus, and Prof. Liu Zhilin, Dean of the College of Intelligent Systems and Engineering, HEU. They discussed various avenues of collaboration focusing on education and research, specifically emphasizing Artificial Intelligence in cutting-edge technological innovations, Automation and Control, Intelligent Systems, Augmented Virtual Reality, Digital Twins, and Industry 4.0. The possibility of student and faculty exchanges, along with joint research in these areas, was also agreed upon. Prof. Abid visited different labs related to these topics and showed keen interest in joint work.



Meeting with Professor from the Department of Mechanical Engineering, HEU, China

June 1, 2024: During the visit to HEU Harbin China, a meeting was held between Prof. Dr. Muhammad Abid, T.I., Director CUI Wah and Prof. Xu He Department of Electrical and Mechanical Engineering, HEU. Dr Song, Dr Chen and Fazle Haseeb and their graduate students attended the meeting. Prof. Xu presented a brief of ongoing projects at HEU followed by a tour of Intelligent Robots and Advanced Fluid System Laboratory. It was agreed to have mutual cooperation in intelligent robots, advanced fluid systems, artificial intelligence, augmented reality, digital twins, and CFD experimental and simulation work to address and solve real world challenging problems for the socio-economic benefit of both the countries.



Meeting with Head of Massive Data Computing Research Center at HIT China

June 2, 2024: Prof. Dr. Muhammad Abid, T.I., Director Campus /UNESCO Chair for IWRM had a meeting with the Prof. Wang, Head Massive Data Computing Research Center, Harbin Institute of Technology (HIT) China during his visit to China. Both introduced their institutions and in specific to the research they are involved in. After detailed deliberation based on common interests in big data, high performance computing, applications of machine learning and artificial intelligence for big/massive data analysis to solve real world challenging problems, it was agreed to fostering cooperation through faculty and student exchanges, as well as knowledge sharing.



Meeting with GLAXIT Software House for Industry-Academia Cooperation

June 09, 2024: A delegation led by Mr. Muhammad Kashif, Director of Development at Glaxit SMC Pvt. Ltd., along with Mr. Usman, Sales Executive, and Ms. Haleeema, HR Manager, visited CUI Wah Campus on June 28, 2024. The main agenda of their meeting was to strategize a recruitment drive that aligns with their shared vision of empowering the future generation.

At the meeting from CUI Wah Campus Prof. Dr. Muhammad Abid, Director Campus, T.I.; Prof. Dr. Muhammad Wasif Nisar, In-charge ITC; and Associate Professors Dr. Jamal Hussain and Dr. Saeed ur Rehman. The Director of the Campus emphasized the importance of Industry-Academia partnerships.

Both parties agreed to work closely together in organizing workshops and Continuing Professional Development (CPD) programs designed to enhance students' skills and align them with the latest trends in the software industry. Dr. Mushtaq proposed that Glaxit SMC Pvt. Ltd. become a regular participant in CUI Wah Campus' bi-annual open house events to address permanent hiring needs. Additionally, Mr. Kashif coordinated a campus recruitment drive, collaborating with the CS department and CDC to facilitate internships in response to Glaxit's urgent hiring requirements.





Events & Trips



Fire Fighting Training

August 22, 2023: The Environmental Health and Safety Committee of the Mechanical Engineering Department organized a firefighting training session for the department's faculty and staff. Additionally, staff from the Student Affairs Department attended the training.



Seerah Exhibition- The Pearls from the Life of Prophet Muhammad SAWW

October 5, 2023: The Department of Electrical and Computer Engineering and, Qirat & Naat Society of CUI Wah Campus in collaboration with Al-Madina Islamic Research Center (MIRC) & Nibras Institute, Karachi organized a one-day "Seerah Exhibition". The aim of the exhibition was to igniting the spirit of knowledge of seerah of Holy Prophet Hazrat Muhammad (PBUH) through Models & Galleries, Makkah & Madina VR Journey and on spot questions answers session with scholars.



The Seerah Exhibition was an informative and educational event centered on the life and teachings of the Holy Prophet Muhammad (SAWW). Visitors were provided with insights into his life, character, and mission, which play a significant role in Islamic history and the understanding of Islam.



Industrial Visit - weRplay

October 03, 2023: The Department of Computer Science organized an industrial visit for final-year undergraduate students to "weRplay," a game-based software development company. The aim of this visit was to examine real-world software development practices and technologies used in game development projects. Students were given a tour of the company's operations, processes, and technologies. They gained exposure to the latest trends in 2D/3D and VR-based game development. The visit also provided an opportunity for students to discuss their game-based Final Year Projects.



Student Week – Fall 2023

October 9 - 13, 2023: To ignite student enthusiasm, the opening ceremony was held on October 9, 2023, featuring a burst of colorful performances. Throughout the week-long celebration, students had the opportunity to participate in various activities.



During the week, students actively arranged and participated in sports and extracurricular activities. Cultural Day was a highlight, showcasing the diversity and strength of Pakistan. Thrilling matches in cricket, football, badminton, table tennis, basketball, and e-gaming were held, with players participating with full dedication.



Industrial Visit to Amfah Soft

October 18, 2023: The Department of Computer Science organized an industrial visit for undergraduate students to "Amfah Soft" (legally known as Broaddigix Pvt. Ltd.) under the supervision of Lecturers Dr. Muhammad Bilal and Mr. Sabeeh Ahmed Saeed. The objective of the visit was to provide final-year students with exposure to the software industry, state-of-the-art tools, and the latest techniques. This experience was designed to aid them in the development of their final-year projects and benefit their professional careers.

The company's CEO, Mr. Arsalan Yaqoob, briefed the students on current and past projects. He emphasized the importance of industry-academia collaboration for acquiring technical skills, specialization, and hands-on training to meet industry requirements.



Convocation 2023

October 24, 2023: The Convocation of CUI Wah Campus was held at the Jinnah Convention Center in Islamabad. Degrees were conferred to 938 graduating students at both undergraduate and graduate levels. Prof. Dr. Mukhtar Ahmad, Chairman of the Higher Education Commission (HEC), graced the event as the Chief Guest. Prof. Dr. Syed Junaid Zaidi, Founder Rector of CUI, also honored the occasion with his presence.

Thirty-six graduates were awarded gold, silver, and bronze medals at the Institute and Campus level for their excellent academic performance. Additionally, twenty graduates received PhD degrees in the disciplines of Electrical and Computer Engineering, Computer Science, and Management Sciences.



Industrial Visit - Heavy Industries Taxila

November 10, 2023: The Department of Mechanical Engineering arranged an industrial visit for third-semester undergraduate students to Heavy Industries Taxila (HIT). During the visit, students toured the showcase area of the Advanced Research, Development & Information Center (ARDIC). Mr. Adnan provided a briefing on various products and their specifications. During the visit, students engaged in a fruitful interactive Q&A session with experts from Heavy Industries Taxila (HIT). They discussed multiple potential final-year projects and recognized the emergence of multidisciplinary streams, highlighting the importance of automation and electromechanical systems in the field of Mechanical Engineering.



Industrial Visit - NEWTECH, Islamabad

November 16, 2023: The Department of Mechanical Engineering organized an industrial visit for 5th-Semester undergraduate students to NEWTECH, Islamabad. NEWTECH is a leading pipe manufacturer in Pakistan, recognized as one of the fastest-growing pipe industries and a prominent producer of pressure pipes. Mr. Asim bin Kazim, Managing Director, provided a thorough explanation of the processes involved in manufacturing pressure pipes, including HDPE, PVC, MDPE, EC, and PPRC pipes and fittings. He also discussed common problems encountered by various facilities. Additionally, Mr. Kazim graciously offered some potential projects that could be undertaken as Final Year Design Projects by the students.



Building Evacuation / Fire Drill

November 16, 2023: The Environmental, Health, and Safety (EHS) Committee of the Department of Mechanical Engineering conducted a comprehensive safety drill. The primary objective was to familiarize participants with evacuation procedures, emergency exits, and the proper use of fire safety equipment. The event included a well-organized building evacuation and fire drill, actively engaging faculty, staff, and students.



Inauguration Ceremony of New Academic Block of the Electrical & Computer Engineering Department

November 17, 2023: The Rector CUI, Prof. Dr. Sajid Qamar, inaugurated the new Academic Block for the Electrical and Computer Engineering Department. The event was attended by the Dean Faculty of Engineering, Dean Faculty of Business Administration, the Director, CUI Attock Campus, principal officers, head of departments and sections, senior faculty members, and contractors. The Rector, along with the principal officers, inspected the newly renovated building, which features state-of-the-art infrastructure and the latest facilities for the Departments of Electrical & Computer Engineering and Mathematics.



The Worthy Rector and Principal Officers also visited the under-construction Academic Block-I site. Briefings on the project's progress were provided by M/s NESPAK (the project consultant) and the contractor.

First Aid Training Session

November 23, 2023: The Environmental, Health, and Safety (EHS) Committee of the Department of Mechanical Engineering, CUI Wah Campus organized a one-day First Aid training session. The initiative aimed to foster a culture of safety awareness within the department, ensuring that all members are well-prepared to respond effectively to emergencies. The Medical Officer and her team emphasized the importance of First Aid and explained various procedures applicable to different situations.

The session helped faculty/staff and students to improve their skills needed to handle emergencies at the workplace and provide First Aid accordingly.



Participation In DBFC from Department of Mechanical Engineering at GIKI Topi

November 24, 2023: The 17th iteration of the Design, Build, and Fly Competition was held at Ghulam Ishaq Khan Institute (GIKI) in Topi Swabi, KPK, from November 24 to 26, 2023. GIKI has been consistently hosting this annual event. Two teams of students, Ascenders and Arrowheads, participated in the competition under the supervision of Assistant Professor Dr. Shoaib Naseem from the Department of Mechanical Engineering at CUI Wah Campus.



Acknowledgment - Voluntary Blood Donor

November 28, 2023: The Director Campus, Prof. Dr. Muhammad Abid, T.I., presented certificate of appreciation to Nabeel Alam Khattak, Lecturer from the Department of Computer Science, at an award ceremony. This recognition was given in acknowledgment of his voluntary service, particularly his consistent blood donations to aid patients and serve humanity.



Following five students of the Blood Donation Society, CUI Wah Campus, were also awarded a letter of appreciation for their contribution in arranging the blood donation camps and extending services for arranging the blood for patients.

1. Muhammad Labeeb 2. Kainat Talat 3. Muhammad Ammar 4. M. Haseeb Ahmad 5. Huzaifa Abdullah

Academic Merit Scholarship Distribution Ceremony - Spring 2023

November 28, 2023: The Academic Merit Scholarship distribution ceremony was held to recognize outstanding academic achievements for the Spring 2023 semester. The Director Campus, Prof. Dr. Muhammad Abid, T.I., along with the Heads of Departments, distributed merit certificates to 120 students who achieved the top three positions in each undergraduate program, including BS(CS), BS(SE), BS(EI), BS(BBA), BS(AF), BS(CVE) and BS(ME). The Head of Departments also praised the students for their achievements and encouraged them to remain dedicated to their studies and pursue their life goals. Section heads and faculty members also attended the ceremony.



Industrial Visit - Civil Engineering Department

November 28, 2023: The Civil Engineering Department arranged a field visit for 3rd-Semester BS Civil Engineering students to the Golra Railway Station and Golra Railway Museum in Rawalpindi. This visit is an integral part of the curriculum for the subject 'Introduction to Transportation Engineering.' The railway station and its museum have become a prominent attraction for both tourists and local residents, evolving into a focal point for railway enthusiasts.

The visit provided students with firsthand knowledge and practical experience in railway engineering. It also offered an opportunity to observe various aspects of the railway system on-site, including insights into railway tracks, sleepers, bearings, plates, fish plates, and gauge length.



Biz Buzz Fall 2023

November 30, 2023: The Department of Management Sciences organized the "BIZ BUZZ" Business-Idea Competition to provide a platform for business graduates to showcase their talents. Open to students from all departments, the competition encouraged participants to present innovative and challenging business ideas aimed at societal improvement. This marked the 8th edition of the competition, featuring 15 teams that passionately competed and presented their inventive concepts.



Awareness Effort Makes to Restrain the Road Crashes

December 06, 2023: The Civil Engineering Department of CUI, Wah Campus, in partnership with Atlas Honda Ltd, organized a workshop on Road Safety Training for bike users. The objective was to instill positive changes in the behavior of road users, aiming to reduce road accidents and ensure smooth traffic flow. During the workshop, guest speakers highlighted the significant challenges posed by roadside hazards in Pakistan, attributing these issues to the lack of well-defined safety standards. They underscored the urgent need to address the road safety crisis and advocated for the active involvement of both the public and private sectors in tackling the issue.



Prime Minister's Youth Laptop Distribution Ceremony

December 20, 2023: A ceremony was held at CUI, Wah Campus as part of the Prime Minister's Youth Laptop Scheme (PMYLS). Prof. Dr. Muhammad Abid, T.I., Director Campus, honored the event by personally distributing laptops to the students. Officials from the Higher Education Commission (HEC) of Pakistan and representatives from the CUI Principal Seat were also present at the occasion.



Open House & Job Fair Fall 2023

December 28, 2023: CUI, Wah Campus organized an Open House and Job Fair for the Fall 2023 graduating students from the Department of Management Sciences (MS) and Computer Science (CS). During the event, students showcased their final year projects (FYPs), highlighting their professional skills. The participating industry representatives closely observed the talent demonstrated in 115 projects (108 from the CS department and 7 from the MS department). Companies conducted detailed interviews with the graduating students and extended job offers to the selected candidates.



In the closing session, Mr. Asim Hamza Gillani, Director of Projects at the Pakistan Software Export Board (PSEB), was the chief guest. He shared details about internship opportunities provided by PSEB, which can serve as a gateway to securing positions in multinational organizations. The chief guest, along with the Director of the Campus, congratulated the winners and runner-up teams of the final year projects (FYPs) and distributed prize money and certificates to the winners and runners-up.

Students of BS Mechanical Engineering, CUI Wah Campus Won Second Prize at Capstone 2024

January 23, 2024: The Pakistan Engineering Council (PEC) Capstone Expo took place in Islamabad, showcasing innovative projects from BS Engineering students representing various universities nationwide. The expo featured over 160 projects, providing a glimpse into the diverse spectrum of engineering disciplines and the high-quality work produced by students. Among the contributors, the Department of Mechanical Engineering at CUI Wah Campus presented four noteworthy projects.

One of the highlighted projects, titled "Subsonic Speed Analysis of Blended Wing Body," secured the second prize in the Mechanical Engineering category. The project, supervised by Assistant Professor Dr. Muhammad Shoaib Naseem, involved the collaborative efforts of students Alishba Javed, Usama Javed, Ayesha Idrees, Muhammad Ahmed, and Muhammad Wasy Khalid.



PEEF Master Level Scholarship Certificate Award Ceremony

February 27, 2024 : A Scholarship Award Ceremony was held to distribute certificates to students who received the prestigious PEEF Master level scholarship across various disciplines at CUI Wah Campus.

The ceremony began with an introductory session, during which each scholarship awardee had the opportunity to introduce them and share insights into their areas of research. This provided a glimpse into the diverse academic interests among the scholarship recipients.



Alumni Meetup 2k24

February 23, 2024: CUI, Wah Campus organized an Alumni Meetup 2k24 event, inviting alumni from the Department of Electrical & Computer Engineering, Computer Science, Management Sciences, Civil Engineering, Mechanical Engineering, and Mathematics since the inception of the Campus. The event saw participation from over 500 alumni, faculty, and staff. Founding Rector, Prof. Dr. S.M. Junaid Zaidi, H.I, S.I., graced the occasion as the Chief Guest. The Rector CUI, Prof. Dr. Sajid Qamar, along with Principal Officers CUI, also attended the event.



Alumni from various departments were given opportunity to share their success stories and rekindle memories with CUI Wah Campus.

CUI Wah Students Secured 1st Position in FYOP Contest at TAAKRA Event at UCP Lahore

February 28, 2024: The Department of Mechanical Engineering (DME), CUI Wah Campus participated in the Fly Your Own Plane (FYOP) contest at the TAAKRA 2024 event, organized by the University of Central Punjab from February 28 to March 3, 2024. The national competition saw participation from 40 teams across the country, including four teams from CUI. The team "Ascenders," comprised of DME students, secured 1st position in the competition. The CUI Wah Campus teams successfully completed all assigned tasks, earning acclaim from both judges and the audience.



Academic Excellence Certificates Distribution Ceremony – Fall 2023

March 28, 2024: To celebrate and honor the outstanding academic achievements of undergraduate students during the Fall 2023 semester, an Academic Excellence Merit Certificates distribution ceremony was held. A total of 124 students from various academic programs—BS(CS), BS(SE), BS(EI), BS(BBA), BS(AF), BS(CVE), and BS(ME) were awarded for their excellence. The Director Campus, Prof. Dr. Muhammad Abid, T.I., graced the ceremony as the chief guest. In his remarks, he congratulated all the students for their exceptional performance and dedication to their studies. He particularly encouraged female students, noting the 43% representation, which supports empowerment and gender equality, compared to 57% male students.



Industrial Visit Of BS(ME) Students to Central Diesel Locomotive Workshop Rawalpindi

April 30, 2024: The Department of Mechanical Engineering organized an industrial visit to Pakistan Railway's Central Diesel Locomotive (CDL) workshop in Rawalpindi for the 4th-semester BS(ME) students, under the supervision of Lecturer Usama Tahir. The visit aimed to provide students with insights into the intricacies of locomotive overhaul and repair maintenance. Mr. Farooq, the visit coordinator, explained the activities performed at the CDL workshop. Students observed the meticulous processes involved in maintaining and repairing train locomotives and participated in interactive sessions led by experienced railway technicians, where they asked questions and gained deeper insights into locomotive maintenance and engineering principles.



PEC - Re Accreditation Visit of BS Mechanical Engineering Program of CUI Wah Campus

May 2, 2024: A Pakistan Engineering Council (PEC) team, comprising Prof. Dr. Muhammad Tufail, Pro-Vice Chancellor of NED University of Engineering and Technology, Karachi; Prof. Dr. Shahid Imran from the University of Engineering and Technology (UET), Lahore; Dr. Aamir Mubashar from the School of Mechanical & Manufacturing Engineering, NUST Islamabad; and Engr. Samar Naseem, PEC Representative, arrived at CUI Wah Campus on May 2-3, 2024. The purpose of their visit was to conduct a re-accreditation assessment for the BS (ME) program for the Fall 2020-2023 intake.

The Chairman/Head of the Department of Mechanical Engineering briefed the PEC team on the department's overall academic performance, events, and future benchmarking strategies. During their visit, PEC team members toured the facilities and held meetings with section heads, industry partners, alumni, faculty members, and students to review educational standards. They also examined course folders, Complex Engineering Problems (CEPs), Final Year Projects (FYPs), industrial linkages, workshops/seminars, and the Continuous Quality Improvement (CQI) data of the Department of Mechanical Engineering.



An Industrial Visit BS(ME) Students to Heavy Industries Taxila (HIT)

May 7, 2024: The Department of Mechanical Engineering at CUI Wah Campus arranged an industrial visit to Heavy Industries Taxila (HIT), a premier industrial complex known for its expertise in heavy machinery production and defense equipment manufacturing. This visit provided a unique opportunity to witness advanced engineering processes and cutting-edge technologies employed at HIT. The visit began with an informative session at the well-equipped auditorium of the Margalla Training Institute, where Colonel (Ret.) Aqeel Ahmed, Principal of the institute, delivered a comprehensive presentation on the structure, operations, organizational setup, and capabilities of HIT across its various departments.



Open House & Job Fair Spring 2024

May 16, 2024: CUI Wah Campus organized an Open House and Job Fair for the graduating students of Spring Semester 2024. A total of 595 students from Electrical & Computer Engineering, Civil Engineering, Mechanical Engineering, Management Sciences, and Computer Sciences departments showcased 204 Final Year Projects (FYPs) which portrayed their professional skills and expertise for industries. Representatives from 136 companies evaluated projects, conducted interviews, and shortlisted students for job placements.





COMSATS UNIVERSITY ISLAMABAD WAH CAMPUS

UNDERGRADUATE PROGRAMS

Engineering - (PEC approved under Washington Accord's OBE level-II)

- Electrical Engineering (Telecommunication, Power, Electronics & Computer)
- Computer Engineering
- Civil Engineering
- Mechanical Engineering

Computer Science - (NCEAC - Approved)

- Computer Science
- Software Engineering
- Artificial Intelligence

Management Sciences - (NBEAC - Approved)

- Business Administration
- Accounting & Finance

Humanities

- Psychology

APPLY ONLINE

<http://admissions.comsats.edu.pk/>

GRADUATE PROGRAMS

MS - (HEC - Approved)

- Civil Engineering (Structural Engineering & Construction Engineering and Management)
- Mechanical Engineering (Design and Manufacture, Thermal Fluid Sciences, Automation and Control & Modeling and Simulation)
- Electrical Engineering
- Computer Science
- Cyber Security
- Artificial Intelligence
- Management Sciences
- Project Management
- Mathematics
- English linguistics

Ph.D - (HEC - Approved)

- Electrical Engineering
- Civil Engineering
- Mechanical Engineering
- Computer Science
- Management Sciences
- Mathematics



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